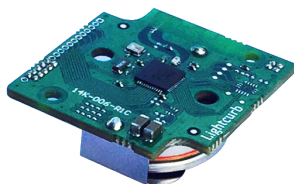


eBeacon

TECHNICAL FACTSHEET

- ✓ Apple iBeacon™-compatible Bluetooth 4.0 radio beacon
- ✓ Supports Bluetooth 4.0 enabled smartphones with iOS 7 or Android 4.3 or higher
- ✓ Powered by a single CR2450 or CR2477 lithium battery
- ✓ Small 40*40*15mm IP54 enclosure*
- ✓ Expansion header for additional features
- ✓ Optional on-board ultra low-power high performance 3-axis “nano” accelerometer
- ✓ Optional on-board Low Power Digital Temperature Sensor
- ✓ Fully customizable
- ✓ Bluetooth and CE-certified (pending)
- ✓ Customizable stickers and branding



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APPLICATIONS SCENARIOS

- ✓ Notifications when entering or exiting a beacon region
- ✓ Location-based marketing
- ✓ Couponing & loyalty services
- ✓ Mobile guides
- ✓ Indoor navigation e.g. exposition, museums or exhibition
- ✓ Digital identification
- ✓ Home and life automation
- ✓ Narrow-casting

TECHNICAL SPECIFICATIONS

Our eBeacon can be customized to fit your needs

SYSTEM ON CHIP

Bluetooth® Smart multiprotocol SoC IC by Nordic Semiconductors

32-bit ARM® Cortex™ Mo+ CPU core

Up to 256KB flash, 16KB RAM

+4dBm to -20dBm output power

Allowed data rates: 250kBs, 1Mbps, and 2Mbps

OPTIONAL PERIPHERALS

Low Power Digital Temperature Sensor With SMBus™/Two-Wire Serial Interface

- Accuracy: 0.5°C (-25°C to +85°C)
- 12 bit data output

MEMS sensor ultra low-power high performance 3-axes “nano” accelerometer

- ±2g/±4g/±8g/±16g dynamically selectable full-scale
- 16 bit data output
- Motion detection

Three coloured LEDs: red, orange and green

COMPATIBLE ENCLOSURES		
With CR2450 Battery 40 x 40 x 15 mm	1551QBK 1551QGY 1551QTBU	Flanged Lid: 1551QFLBK* 1551QFLGY*
With CR2477 Battery 40 x 40 x 20 mm	1551PBK 1551PGY 1551PTBU	Flanged Lid: 1551PFLBK* 1551PFLGY*

* Flanged lid adds 16,3 mm in width.